SuperServer 5036I-IF

>> 360° <<

Available Colors: Black

Integrated Board

Super X8SIL-F

Key Features

1. Intel® Xeon® X3400 / L3400 series processors
2. Up to 32GB DDR3 1333/1066/800MHz ECC Registered DIMM / 16GB Unbuffered DIMM
3. 2 (x8) PCI-E 2.0, 1 (x4) PCI-E (in x8) 1x 32-bit 33MHz PCI slot
4. Dual Intel® 82574L Gigabit Ethernet Controllers
5. 2x 5.25" external drive bays, 4x 3.5" internal drive bays
6. 300W High-Efficiency, Low-noise Power Supply
7. Integrated IPMI 2.0 with KVM and Dedicated LAN

Drivers & Utilities | BIOS | Tested Memory List | Manuals

Specifications

Product SKUs

SYS-5036I-IF	SuperServer 5036I-IF (**Black**)

Motherboard

Super X8SIL-F

Processor/Cache

CPU	LGA 1156 Socket **Intel® Xeon® X3400** series **Intel® Xeon® L3400** series

System Memory

Memory Capacity	4x 240-pin DIMM sockets Supports up to 32 GB DDR3 ECC Registered memory (RDIMM) Supports up to 16 GB DDR3 ECC Un-Buffered memory (UDIMM) 1333 / 1066 / 800 MHz Note: Supports 1-Gb and 2-Gb x8 devices only
Memory Type	1333 / 1066 / 800 MHz ECC Registered / ECC Unbuffered DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	1GB, 2GB, 4GB, 8GB
Memory Voltage	1.5 V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)

On-Board Devices

Chipset	Intel® 3420 chipset
SATA	6x SATA (3 Gbps) RAID 0, 1, 5, 10 support (Windows) RAID 0, 1, 10 support (Linux)
	Support for Intelligent Platform

Chassis

Form Factor	Mid-Tower
Model	CSE-731i-300B

Physical Features

Height	14.25" (362 mm)
Width	7.25" (184 mm)
Depth	16.75" (425 mm)
Weight	17.4 lbs (7.9 kg)
Available Colors	Black

Front Panel

Buttons	Power On/Off button System Reset button
LEDs	Power LED Hard drive activity LED Network activity LED System Overheat LED
Ports	2x Front side USB ports (USB 2.0 ready)

Drive Bays

Internal	4x 3.5" tool-less HDD trays
External	2x 5.25" external drive bays 1x 3.5" external drive bay (OEM option)

System Cooling

Fans	1x 9cm (rear) PWM fan w/ tool-less design 1x 8cm (front) cooling fan (optional)

Power Supply

300W AC power supply w/ PFC

AC Voltage	100 - 240V, 50-60Hz, 5 Amp

IPMI	Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support Nuvoton WPCM450 BMC
Network Controllers	2x Intel® 82574L Gigabit Ethernet Controllers Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8201N PHY (dedicated IPMI)
VGA	Matrox G200eW 16MB DDR2
Super I/O	Winbond 83627DHG-P
Clock Generator	CK505

Expansion Slots

PCI-Express	2 (x8) PCI-E 2.0 slot 1 (x4) PCI-E (using x8 slot)
PCI	1 32-bit PCI slot

Input / Output

Serial ATA	4 SATA hard drives supported
LAN	2x RJ45 LAN ports 1x RJ45 Dedicated IPMI LAN port
USB	2x USB rear ports 1x USB on-board 2x USB internal header (4 ports) Total 7 USB 2.0 Compliant
VGA	1x VGA port
Keyboard / Mouse	PS/2 keyboard and mouse ports
Serial Port / Header	1x Fast UART 16550 serial port 1x internal header

System BIOS

BIOS Type	32Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	DMI 2.3 PCI 2.2 ACPI 1.0 / 2.0 USB Keyboard support SMBIOS 2.3

DC Output	5V + 12V + 3.3V - 12V < 290W
+5V	19 Amp
+5V standby	2.0 Amp
+12V	11 Amp + 11.5 Amp
-12V	0.15 Amp
+3.3V	16.0 Amp
Certification	**80 PLUS Bronze Certified** [Test Report]

PC Health Monitoring

CPU	Monitors for CPU Cores, +1.8V, +3.3V, +5V, ±12V, +3.3V Standby, +5V Standby, VBAT, HT, Memory, Chipset Voltages. 5-Phase-switching voltage regulator with auto-sense from 0.8375V-1.60V
FAN	Total of 5 fan headers supporting up to 5 fans Five 4-pin fan headers 5x fans with tachometer status monitoring Status monitor for speed control Status monitor for on/off control Support 3-pin fans (w/o speed control) Low noise fan speed control Pulse Width Modulated (PWM) fan connectors
Temperature	Monitoring for CPU and chassis environment CPU thermal trip support FC temperature sensing logic Thermal Monitor 2 (TM2) support PECI
LED	CPU / System Overheat LED +5V Standby alert LED
Other Features	Chassis intrusion detection Chassis intrusion header

Parts List

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	MBD-X8SIL-F CSE-731i-300B	1 1	Super X8SIL-F Motherboard 1U Chassis
Cable 1	CBL-0044L	4	61cm, SATA S-S, PBF
CD	CDR-X8-UP	1	DRIVER CD FOR X8 UP MOTHERBOARD
Power Supply	PWS-303-PQ	1	300W ATX POWER SUPPLY
Cable 2	CBL-0084L	1	Front ctrl cable 16 pin split, 6\", PBF (with converter head)
Fan 1	FAN-0108L4	1	92X25MM 4-PIN PWM REAR EXT FAN FOR SC731
Drive Tray(s)	MCP-220-73101-0B	4	SC731 HDD Tray

Optional Parts List

	Part Number	Qty	Description
Cable 1	CBL-0044L	-	61cm, SATA S-S, PBF
Peripheral Drive 1	DVM-LITE-DVD-HBT	-	Black 5.25\" SATA DVD, LITEON, PBF
Peripheral Drive 2	DVM-LITE-DVDRW-HBT	-	Black 5.25\" SATA DVD-RW, LITEON, PBF
Heatsink / Retention	SNK-P0046A4	-	2U ACTIVE CPU HS FOR INTEL LGA1156

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